

JH 012

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

OHIO RUBBER COMPANY
OHD 004-222-378

The Ohio Rubber Company of Willoughby is approximately 1/4 mile west of the Chagrin River and lies between Route 2 and Route 640. Penn Central and Norfolk and Western railroad tracks border the company's property. The area is highly industrial; business and residential developments are interspersed.

Ohio Rubber reported a portion of their site (CERCLA 103(c)) as having been a surface impoundment until it was filled with dirt in 1980. The impoundment had been a condensation pond and there was a possibility the fill material was mixed with solvent residues. The type of solvent was not specified.

Surface water quality may be affected by runoff that reaches storm sewers and/or tributaries to the Chagrin. The material used to fill in the condensation pond may or may not have been impermeable enough to prevent the development of leachate. The typical soils surrounding the filled pond are wet and slowly permeable, possibly allowing movement of contaminants that are water-soluble.

Ohio Rubber is a RCRA TSD facility and is inspected annually by OEPA. Although the site does not appear to be an NPL candidate, we recommend a low priority for an investigation of the surface impoundment's closure and its current condition. Further CERCLA activities may be suggested upon completion of the on-site inspection.

PW:kr
August 16, 1984





POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

OH 0004222378

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)

Ohio Rubber Company

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER

3911 Ben Hur Avenue

03 CITY

Willoughby

04 STATE

OH

05 ZIP CODE

44094

06 COUNTY

Lake

07 COUNTY CODE

085

08 CONG DIST

11

09 COORDINATES LATITUDE

41° 38' 30" N

LONGITUDE

081° 25' 00" W

Eastlake, OH

NW 1/4 Mentor 15' Quad.

10 DIRECTIONS TO SITE (Starting from nearest public road)

From Cleveland, Rte. 2 east to Rte. 640 exit. East on 640 to Ohio Rubber access road.

III. RESPONSIBLE PARTIES

01 OWNER (If known)

Ohio Rubber, Div. Eagle Picher Indus.

02 STREET (Business, mailing, residential)

P.O. Box 779 580 Walnut

03 CITY

Cincinnati

04 STATE

OH

05 ZIP CODE

45201

06 TELEPHONE NUMBER

(513) 721-7010

07 OPERATOR (If known and different from owner)

Ohio Rubber Company

08 STREET (Business, mailing, residential)

Same as site

09 CITY

Same as site

10 STATE

11 ZIP CODE

12 TELEPHONE NUMBER

216 942-0500

13 TYPE OF OWNERSHIP (Check one)

☒ A. PRIVATE ☐ B. FEDERAL:

(Agency name)

☐ C. STATE

☐ D. COUNTY

☐ E. MUNICIPAL

☐ F. OTHER:

(Specify)

☐ G. UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 8, 18, 80

MONTH DAY YEAR

☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 c)

DATE RECEIVED: 6, 4, 81

MONTH DAY YEAR

☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION

☒ YES

DATE

5, 14, 84

☐ NO

BY (Check all that apply)

☐ A. EPA

☐ B. EPA CONTRACTOR

☒ C. STATE

☐ D. OTHER CONTRACTOR

☐ E. LOCAL HEALTH OFFICIAL

☐ F. OTHER:

(Specify)

Multiple Inspections

CONTRACTOR NAME(S):

02 SITE STATUS (Check one)

☒ A. ACTIVE

☐ B. INACTIVE

☐ C. UNKNOWN

03 YEARS OF OPERATION

1918

Still Operating

☐ UNKNOWN

BEGINNING YEAR

ENDING YEAR

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Solvents (Toxic / Flammable)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Surface Water (Environment / Population)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)

☐ A. HIGH

(Inspection required promptly)

☐ B. MEDIUM

(Inspection required)

☒ C. LOW

(Inspect on time available basis)

☐ D. NONE

(No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT

Gary Gifford

02 OF (Agency/Organization)

OEPA, NEDO/DSHUM

03 TELEPHONE NUMBER

216 425-9171

04 PERSON RESPONSIBLE FOR ASSESSMENT

Pam Wicks

05 AGENCY

OEPA

06 ORGANIZATION

NEDO/DSHUM

07 TELEPHONE NUMBER

216 425-9171

08 DATE

8, 16, 84

MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH 0004 222378

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: ~0

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Groundwater not available - no water-bearing formations in general vicinity of Willoughby due to "thin, hard sandstones of the Chagrin formation". Wet soils & high water table may help transport contaminants; not known if fill is original soil

01 ☒ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 200 approx.

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Chagrin River approx. 1/4 mile east of old impoundment. River downslope from site, but runoff most likely diverted to storm sewer system. Wet soils may transport some solvent contaminants & eventually discharge to river, but would be slow process.

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

None reported

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

None reported

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

None reported

01 ☒ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: 650 sq. ft.

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Soil on site Conneaut silt loam; poorly drained, wet, slow to medium runoff, slow permeability. Probly not close enough to river to contribute much runoff - more to storm sewers. Wetness a severe limitation to landfill use. Solvent residue mixed with fill material

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Municipal water supply available; Lake Erie intake and Chagrin River intake upstream from site (Lake Co. West Sub-District water supply). (1 mile)

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: 4,000 Approx

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

Workers at Ohio Rubber may/may not come in contact with fill area.

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

None reported; access limited to employees.



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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

OH D004222 378

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported

01 ☐ K. DAMAGE TO FAUNA

04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported

01 ☐ L. CONTAMINATION OF FOOD CHAIN

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES

(Spills/runoff/standing liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

None reported

01 ☐ N. DAMAGE TO OFFSITE PROPERTY

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

Fill on Ohio Rubber property; no mention in file of off-site problems.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Runoff from site might reach storm sewers; Contribution of contaminants, if any, is not known. Solvent residue was mixed with fill dirt.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING

04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

None reported

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

None reported

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

Soil Survey of Lake Co., Ohio. USDA/SCS, Jan. 1979.